



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

April 12, 2017
Certified Mail/Return
7012 3460 0003 1112 7833

Colusa Co. WWD #2 - Princeton
P.O. Box 361
Princeton, CA 95970

Attention: Alan Dell, Board Member

Subject: Public Water System No. 0600013 – Citation No. 21-17C-009 for failure to develop a Stage 2 Disinfectant Byproduct Monitoring Plan and monitor and report dual TTHM and HAA5 samples.

The Colusa Co. WWD #2 – Princeton water system is classified as a community water system. Per Sections 64530(d)(1), 64534.2(d)(1), and 64534.8(a), Title 22, of the CCR, the water system was required to develop a Stage 2 Disinfectant Byproduct Monitoring Plan and begin monitoring for total trihalomethanes (TTHM) and haloacetic acids (HAA5) by October 1, 2013. The water system was also required to continue TTHM and HAA5 monitoring on a triennial basis since that time. As of the date of this Citation, the water system has not carried out the Stage 2 disinfectant byproduct monitoring requirements specified above.

Therefore, this Citation is hereby issued to the water system for violating the monitoring and reporting requirements per the California Code of Regulations cited above.

Section 116577 of the California Safe Drinking Water Act provides for the department to be reimbursed by the public water system for costs incurred for preparing and issuing a citation. The billing rate is approximately \$163 per hour. You will receive a bill for this cost, typically by September 1st, from our Fee Billing Unit in Sacramento.

Any person who is aggrieved by an order or decision issued by the deputy director of the Division of Drinking Water under Article 8 (commencing with Health and Safety Code section 116625) or Article 9 (commencing with Health and Safety Code section 116650), of the Safe Drinking Water Act (Chapter 4, Part 12, Division 104, of the Health and Safety Code) may file a petition with the State Water Board for reconsideration of the order or decision. Attachment A to the enclosed citation contains the relevant statutory provisions for filing a petition for reconsideration. (Health and Safety Code section 116701) Petitions must be received by the State Board within 30 days of the issuance of the order or decision by the Deputy Director. The date of issuance is the date when the Division of Drinking Water mails a copy of the order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m.

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | www.waterboards.ca.gov

Attachment A

Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions please call Paul Rowe at (530) 224-4866. You may also contact me directly at (530) 224-4861.



Reese B. Crenshaw, P.E.
Valley District Engineer
DRINKING WATER FIELD
OPERATIONS BRANCH

Enclosures

1
2 STATE WATER RESOURCES CONTROL BOARD

3 DIVISION OF DRINKING WATER
4

5 **Public Water System:** Colusa Co. WWD#2 - Princeton

6 **Water System No.:** 0600013
7

8 **To:** Colusa Co. WWD#2 - Princeton

9 Attn: Alan Dell

10 P.O. Box 361

11 Princeton, CA 95970
12

13 **Issued:** April 12, 2017

14 VIA CERTIFIED MAIL
15
16

17 **CITATION NO. 21-17-009 FOR NONCOMPLIANCE**

18 **with Title 22 California Code of Regulations,**

19 **Sections 64530, 64534.2, and 64534.8**
20

21 Section 116650 of the California Health and Safety Code (CHSC) authorizes the
22 issuance of a citation for failure to comply with a requirement of the California Safe
23 Drinking Water Act (CHSC; Division 104, Part 12, Chapter 4, commencing with
24 Section 116270), or any regulation, standard, permit, or order issued thereunder.
25

26 The State Water Resources Control Board, acting by and through its Division of
27 Drinking Water (hereinafter "Division") and the Deputy Director for the Division,

1 hereby issues a citation to Colusa Co. WWD#2 - Princeton for failure to comply with
2 Sections 64530, 64534.2, and 64534.8, Title 22, of the California Code of Regulations
3 (CCR).

4
5 **APPLICABLE AUTHORITIES**

6 See Applicable Authorities in Attachment "A"

7
8 **STATEMENT OF FACTS**

9 The Colusa Co. WWD#2 - Princeton (hereinafter, "System") is classified as a
10 community water system serving approximately 356 people. Per Section 64534.8 and
11 Table 64530-A of the CCR, the System was required to develop a Stage 2
12 Disinfectant Byproduct Monitoring Plan and begin monitoring for the presence of total
13 trihalomethanes (TTHM) and haloacetic acids (HAA5) by October 1, 2013.
14 Furthermore, per Section 64534.2, the System was required to collect and report dual
15 samples (for TTHM and HAA5) on a triennial basis since October 1, 2013. As of the
16 date of this citation, the System has not carried out the Stage 2 disinfectant byproduct
17 monitoring requirements specified above.

18
19 **DETERMINATIONS**

20 The Division has determined that the System is in violation of Sections 64530(d)(1),
21 64534.2(d)(1), and 64534.8(a), Title 22, of the CCR, in that the System failed to
22 develop a Stage 2 Disinfectant Byproduct Monitoring Plan, begin TTHM and HAA5
23 monitoring by October 1, 2013, and continue TTHM and HAA5 monitoring on a
24 triennial basis.

1 **DIRECTIVES**

2 The Water System is hereby directed to take the following actions:

- 3
- 4 1. Per the Deficiency Record directives in the 2017 Inspection report, **by no**
- 5 **later than May 15, 2017**, provide a complete Stage 2 Disinfectant
- 6 Byproduct Monitoring Plan to the Division for review and approval. See
- 7 Attachment "B" for an acceptable template.
- 8
- 9 2. Collect and report a dual sample set (TTHM and HAA5) at the System's
- 10 chosen distribution system location in **August of 2017** and every 3 years
- 11 thereafter.
- 12
- 13 3. The Water System shall provide public notification (by inclusion in the **2016**
- 14 **Consumer Confidence Report**) of the failure to perform Stage 2
- 15 Disinfectant Byproduct monitoring requirements specified in the statement
- 16 of facts above.
- 17

18 All documents required by this Citation to be submitted to the Division shall be

19 submitted to the following address:

20

21 Reese B. Crenshaw, P. E.

22 Valley District Engineer

23 Drinking Water Field Operations

24 Division of Drinking Water

25 State Water Resources Control Board

26 364 Knollcrest Drive, Suite 101

27 Redding, CA 96002

28 (530) 224-4800

1 Nothing in this Citation relieves the Water System of its obligation to meet the
2 requirements of Health and Safety Code, Division 104, Part 12, Chapter 4 (California
3 Safe Drinking Water Act), or any regulation, permit, standard or order issued or
4 adopted thereunder.

5
6 The Division reserves the right to make such modifications to this Citation, as it may
7 deem necessary to protect public health and safety. Such modifications may be
8 issued as amendments to this Citation and shall be effective upon issuance.

9
10 **FURTHER ENFORCEMENT ACTION**

11 The California SDWA authorizes the State Board to: issue citation with assessment of
12 administrative penalties to a public water system for violation or continued violation of
13 the requirements of the California SDWA or any permit, regulation, permit or order
14 issued or adopted thereunder including, but not limited to, failure to correct a violation
15 identified in a citation or compliance order. The California SDWA also authorizes the
16 State Board to take action to suspend or revoke a permit that has been issued to a
17 public water system if the system has violated applicable law or regulations or has
18 failed to comply with an order of the State Board; and to petition the superior court to
19 take various enforcement measures against a public water system that has failed to
20 comply with violates an order of the State Board. The State Board does not waive any
21 further enforcement action by issuance of this citation.

22
23 **PARTIES BOUND**

24 This Citation shall apply to and be binding upon the Water System, its officers,
25 directors, agents, employees, contractors, successors, and assignees.

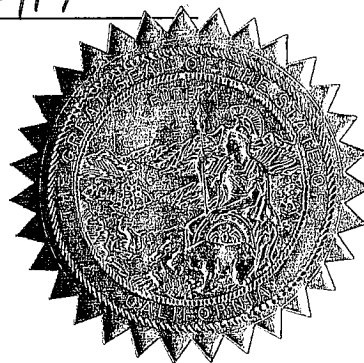
1 **SEVERABILITY**

2 The directives of this Citation are severable, and the Water System shall comply with
3 each and every provision thereof notwithstanding the effectiveness of any other
4 provision.

5
6
7 R. Crenshaw

8
9 Reese B. Crenshaw, P.E., District Engineer
10 Valley District
11 Drinking Water Field Operations Branch

4/12/17
Date



12
13 **Attachments:**

14 Attachment A – Applicable Authorities

15 Attachment B – Stage 2 Disinfectant Byproduct Monitoring Plan Template



ATTACHMENT A

APPLICABLE AUTHORITIES

Section 116650 of the CHSC states:

- (a) If the state board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the state board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.*
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.*
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.*
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).*
- (e) The state board may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.*

ATTACHMENT A

Stage 2 Monitoring Start Date

Section 64530(d)(1), Table 64530-A, Title 22, of the CCR states in relevant part:

Systems that are not part of a combined distribution system and systems that serve the largest population in the combined distribution system and serving a population of <10,000 Shall comply with TTHM and HAA5 monitoring pursuant to section 64534.2(d) by October 1, 2013 if no Cryptosporidium monitoring is required pursuant to 40 Code of Federal Regulations part 141.701(a)(4) (71 Fed. Reg. 654 (January 5, 2006)), which is incorporated by reference.

Monitoring Frequency

Section 64534.2(d)(1), Title 22, of the CCR states in relevant part:

(d) By the applicable date specified in Section 64530(d), and in lieu of TTHM and HAA5 monitoring in subsection (a):

(1) Systems may apply to the Division to monitor at a reduced frequency in accordance with table 64534.2 – D, any time the LRAA is ≤ 0.040 mg/L for TTHM and ≤ 0.030 mg/L for HAA5 at all monitoring locations.

Minimum Monitoring Frequency (per relevant section of Table 64534.2 – A): 1 dual sample set every third year if the highest TTHM and HAA5 measurements occurred at the same location and quarter.

Monitoring Plans

Section 64534.8(a), Title 22, of the CCR states in relevant part:

(a) A system shall develop and submit to the Division a monitoring plan. The system shall implement the plan after Division review and approval. The

ATTACHMENT A

system shall maintain the plan and make it available for inspection by the general public no later than 30 days following the applicable compliance date in sections 64530(a) or (b), and (d).

Petitions to Orders and Decisions

Section 116701 of the CHSC States:

(a) Within 30 days of issuance of an order or decision issued by the deputy director under Article 8 (commencing with Section 116625) or Article 9 (commencing with Section 116650), an aggrieved person may petition the state board for reconsideration. Where the order or decision of the deputy director is issued after a hearing under Chapter 5 (commencing with Section 11500) of Part 1 of Division 3 of Title 2 of the Government Code, this section shall apply instead of Section 11521 of the Government Code.

(b) The petition shall include the name and address of the petitioner, a copy of the order or decision for which the petitioner seeks reconsideration, identification of the reason the petitioner alleges the issuance of the order was inappropriate or improper, the specific action the petitioner requests, and other information as the state board may prescribe. The petition shall be accompanied by a statement of points and authorities of the legal issues raised by the petition.

(c) The evidence before the state board shall consist of the record before the deputy director and any other relevant evidence that, in the judgment of the state board, should be considered to implement the policies of this chapter. The state board may, in its discretion, hold a hearing for receipt of additional evidence.

(d) The state board may refuse to reconsider the order or decision if the petition fails to raise substantial issues that are appropriate for review, may deny the

ATTACHMENT A

petition upon a determination that the issuance of the order or decision was appropriate and proper, may set aside or modify the order or decision, or take other appropriate action. The state board's action pursuant to this subdivision shall constitute the state board's completion of its reconsideration.

(e) The state board, upon notice and hearing, if a hearing is held, may stay in whole or in part the effect of the order or decision of the deputy director.

(f) If an order of the deputy director is subject to reconsideration under this section, the filing of a petition for reconsideration is an administrative remedy that must be exhausted before filing a petition for writ of mandate under Section 116625 or 116700.

California Department of Public Health (CDPH)
Compliance Monitoring Plan
for the Stage 2 Disinfection Byproducts

PART 1 - General System Information

Water System Name:	COLUSA CO. WWD #2 - PRINCETON			System No:	0600013
Mailing Address:	P.O. BOX 205 PRINCETON, CA 95970				
Preparer:	Ray Bruun (CDPH)	Phone:	(530) 224-3252	Email:	rbruun@cdph.ca.gov
Source Water Type:	<input type="checkbox"/> Surface Water (SW)/GWUDI <input checked="" type="checkbox"/> Ground Water (GW) <input type="checkbox"/> Purchase (SW/GWUDI) <input type="checkbox"/> Purchase (GW)				Current Population Served:
<small>*GWUDI – Ground water sources that have been determined to be under the direct influence of surface water.</small>					356

PART 2 - Sample Site Information – Total Trihalomethanes (TTHM) / Haloacetic Acids (HAA5)

Sample Point ID ¹	Site Location or Address ²	Justification of Site Location				Justification Description ³
	5414 HWY 45, EAST APT.	High TTHM Stage 1	<input type="checkbox"/>	High HAA5	<input type="checkbox"/>	Stage 1 site
		High TTHM Stage 1	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	High HAA5	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	Other	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	High HAA5	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	Other	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	High HAA5	<input type="checkbox"/>	
		High TTHM Stage 1	<input type="checkbox"/>	Other	<input type="checkbox"/>	

¹ If a sample site has a unique sample point ID, include it in this column (sample point ID is typically a numeric or alpha-numeric designator that represents a specific site location or address).

² If an IDSE was conducted, site locations should be the same as those in the approved IDSE Report.

³ Provide the reason for the selection of a specific sample location. (i.e., "High TTHM": Highest Historical (Stage 1 and/or IDSE) TTHM levels observed at this location).

PART 3 - Proposed Schedule & Compliance CalculationsParameters: **TTHM / HAA5**

Monitoring reports must be submitted to CDPH by the 10th day following the end of each monitoring period (e.g., quarter, year, 3 years). Mail reports to the address at the bottom of the next page. For other delivery methods, contact your CDPH representative.

Monitoring Type ¹	Monitoring Frequency	Total # of Monitoring Locations/Monitoring Period	Samples ²	Schedule (monitoring dates)
Reduced	Quarterly <input type="checkbox"/> Annually <input type="checkbox"/> Triennially <input checked="" type="checkbox"/>	1	Individual Samples <input type="checkbox"/> Dual Sample Sets <input checked="" type="checkbox"/>	August 2017 & every 3 years thereafter

¹ Routine, reduced, or increased.

² An individual sample is one sample that is tested for either TTHM or HAA5, as specified in Part 2, Sample Site Information. A dual sample set is a set of two samples collected at the same time and same location, with one sample analyzed for TTHM and the other sample analyzed for HAA5. Systems on increased monitoring are required to take dual sample sets at all locations.

NOTE: THE RESULTS OF TESTING DONE IN ACCORDANCE WITH THIS MONITORING PLAN MAY LEAD TO A CHANGE IN THE FREQUENCY AND/OR TYPE OF MONITORING. IF A CHANGE IN MONITORING IS WARRANTED, YOU WILL BE CONTACTED BY THE CDPH REPRESENTATIVE ASSIGNED TO YOUR WATER SYSTEM.

Compliance Information:

Parameter	Compliance Location	Maximum Contaminant Level (MCL)
TTHM	Each Monitoring Site	MCL = 0.080 mg/L
HAA5	Each Monitoring Site	MCL = 0.060 mg/L
Compliance Calculation:		
Quarterly Monitoring: A Locational Running Annual Average (LRAA) is the average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters. An MCL violation occurs if the LRAA, computed quarterly for the most recent 4 quarters, at any monitoring location, exceeds the MCL, or if the LRAA calculated based on fewer than 4 quarters of data demonstrates that the MCL will be exceeded regardless of the monitoring results of subsequent quarters. If more than one sample is taken at a location in any given quarter, then those values are averaged to obtain that quarter's average for use in the LRAA calculation.		
Annual or Triennial Monitoring: For a system required to monitor annually or less frequently, if any single sample result exceeds the MCL, the system shall increase monitoring to dual sample sets once per quarter (taken every 90 days) at all locations. MCL compliance is then calculated as described for quarterly monitoring.		

Operational Evaluation Level (OEL) Information:

Parameter	Compliance Location	Maximum OEL Level
TTHM	Each Monitoring Site	OEL = 0.080 mg/L
HAA5	Each Monitoring Site	OEL = 0.060 mg/L

Compliance Calculation:

Quarterly Monitoring: Each quarter, public water systems monitoring quarterly shall calculate the TTHM and HAA5 Operational Evaluation Level (OEL) for each monitoring location to be aware of any pending follow-up activities as indicated below. The OEL for TTHM and HAA5 is the sum of the two previous quarters' results plus twice the current quarter's result, divided by 4.

$$\text{OEL} = (2 \times \text{current quarter result}) + (\text{previous quarter result}) + (\text{quarter before previous quarter result})$$

4

If the TTHM OEL exceeds 0.080 mg/L, or the HAA5 OEL exceeds 0.060 mg/L at any monitoring location, the system shall conduct an operational evaluation to identify the cause of the exceedance and submit a written report of the evaluation to the Redding office of the California Drinking Water Program (364 Knollcrest Drive, #101, Redding, CA 96002) no later than 90 days after being notified of the analytical result that causes the system to exceed the operational evaluation level. The written report must be made available to the public upon request. Any questions concerning this report (content, etc.) can be directed to the Redding CDPH office at (530) 224-4800.

Annual or Triennial Monitoring: OEL calculations are not required.

PART 4 - System Schematic

If requested by CDPH staff, attach a map or drawing of the current distribution system. Include the location of any interconnections with other public water systems. Also, where applicable, designate on the map the locations of the following facilities: sources, treatment plants, entry points, storage facilities (including volume in gallons or million gallons), and all Stage 2 compliance sample sites.

PART 5 – Submittal

I hereby submit this Stage 2 compliance monitoring plan. I understand that failing to monitor in accordance with this plan (required by section 64534.8 of Title 22, California Code of Regulations (CCR)) is a violation of the monitoring requirements established in Chapter 15.5 of Title 22 CCR.

Name/Title (print)

Signature

Date

MAIL TO: Division of Drinking Water, 364 Knollcrest Drive, #101, Redding, CA 96002
or FAX TO: (530) 224-4844, Attention: Ray Bruun or Reese Crenshaw